

Philippe Linze

Geotechnical Engineer



Profile

59 years old
Seniority : 24 years,
associate
English

Soil mechanics/foundations

Special foundation works

Underpinning/reinforcement

**Earthworks – roads,
distribution networks**

Education

Civil engineer

U.C.L. – Louvain, Belgium

Professional background

Intrafor – Bouygues

Special Foundations Division

Construction engineer

Géoexperts

Soil and Foundation Engineering

Consulting engineer and project manager

Philippe Linze

Geotechnical Engineer

Key areas of expertise

Geotechnical Engineering – Foundations – Civil Engineering

- Retaining structure instability
- Instability of natural slopes and embankments
- Paving and pavement shifting
- Injection-based floor consolidation treatment defects
- Paving settlement in the environment of civil engineering structures
- Insufficient foundations (spread footing, large piles, small piles)
- Underpinning reinforcement using large or small piles
- Construction all risks on civil engineering and building sites

- Causes and consequences of underground network breakage
- Soil-structure interaction on former quarries or gypsum dissolution zones
- Seepage in underground structures
- Damage occurring within the framework of directional drilling, boring machines, micro-boring machines
- Water and geothermal wells
- Swelling or dissolution phenomena in natural soils (clay, gypsum, anhydrite, etc.) and industrial soils (slag, incineration clinker, etc.)

Environment – Pollution

- Ground pollution by hydrocarbons or other chemical contaminants
- Infiltrations in drinking water supply capture systems